

WYNDD PROJECT REPORTS – VERTEBRATE ZOOLOGY

Completed reports will be available at: <http://www.uwyo.edu/wyndd/reports-and-publications/>

Completed between 1 June – 1 November 2019

Abernethy, I.M. 2019. Bats of Wyoming, 2019 Project Report. Report prepared for the USDI Bureau of Land Management-Wyoming State Office by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. 2019. White-nose syndrome surveillance of bats across the Northern Great Plains Inventory and Monitoring Network: year 2 report. Report prepared for the USDI National Park Service – Northern Great Plains Inventory and Monitoring Network by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M., and G.P. Beauvais. 2019. Survey for Preble’s Meadow Jumping Mouse on F.E. Warren Air Force Base, Wyoming: 2014 - 2018 Survey Report. Report prepared for F.E. Warren Air Force Base and the USDI Fish and Wildlife Service by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and K.A. Hubbard. 2019. Distribution and status of Abert’s squirrel in Wyoming. Report prepared for the Wyoming Game and Fish Department by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Bedrosian, B.E., Z. Wallace and G. Bedrosian. 2019. Northwestern Plains golden eagle conservation strategy. Report prepared for the USDI Fish and Wildlife Service-Western Golden Eagle Team by Teton Raptor Center and the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Bedrosian, G., J.D. Carlisle, B. Woodbridge, J.K. Dunk, Z.P. Wallace, J.F. Dwyer, R.E. Harness, E.K. Mojica, G.E. Williams and T. Jones. 2019 *in press*. A spatially explicit model to predict the relative risk of golden eagle electrocutions. *Journal of Raptor Research*.

Wallace, Z.W. and L.M. Tronstad. 2019. Factors affecting the distribution of amphibians in western Wyoming. Report prepared for the Wyoming Game and Fish Department and the USDI National Park Service by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Wallace, Z.P., I.M. Abernethy and K.A. Cook. 2019. Amphibian monitoring for Wyoming Bureau of Land Management, 2019 Project Report. Report prepared for the USDI Bureau of Land Management-Wyoming State Office by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Wallace, Z.P., I.M. Abernethy and K.A. Cook. 2019. Amphibian monitoring for the Bureau of Land Management Rawlins Field Office, 2019 Project Report. Report prepared for the USDI Bureau of Land Management-Wyoming State Office by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Wallace, Z.P., D.W. Jones and I.M. Abernethy. 2019. Songbird monitoring in the Thunder Basin National Grasslands, Medicine Bow, and Bighorn National Forests, Wyoming. Report prepared for USDA Forest Service-Rocky Mountain Region (Region 2) by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Wallace, Z., G. Bedrosian, B. Woodbridge, G. Williams, B.E. Bedrosian and J. Dunk. 2019. Wyoming and Uinta Basins golden eagle conservation strategy. Report prepared for the USDI Fish and Wildlife Service-Western Golden Eagle Team by Eagle Environmental, Inc. and the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

In-progress as of 1 November 2019

Abernethy, I.M. 2019 *in preparation*. White-nose syndrome surveillance of bats across the Northern Great Plains Inventory and Monitoring Network: year 3 report. Report prepared for the USDI National Park Service – Northern Great Plains Inventory and Monitoring Network by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. 2019 *in preparation*. Surveys for Northern long-eared bat (*Myotis septentrionalis*) in the Laramie Mountains, Wyoming. Report prepared for the Wyoming Governor's Office by the Wyoming Natural Diversity Database – University of Wyoming, Laramie Wyoming.

Abernethy, I.M. 2019 *in preparation*. Preble's Meadow Jumping Mouse recovery goals final project report. Report prepared for the Wyoming Game and Fish Department-Nongame Program by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and G.P. Beauvais. 2019 *in preparation*. Survey for Preble's Meadow Jumping Mouse on F.E. Warren Air Force Base, Wyoming: 2019 survey report. Report prepared for F.E. Warren Air Force Base and the USDI Fish and Wildlife Service by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and G.P. Beauvais. 2019 *in preparation*. 2019 Permit Report for Permit Number TE-71872A-3; Preble's Meadow Jumping Mouse. Report prepared for the USDI Fish and Wildlife Service Wyoming Ecological Services Field Office by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and Z.P. Wallace. 2019 *in preparation*. White-nose Syndrome surveillance on the Bighorn National Forest: year 1 report. Report prepared for the USDA Forest Service-Bighorn National Forest by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and Z.P. Wallace. 2019 *in preparation*. Alternative bat hibernacula use and selection at Devil's Tower National Monument. Report prepared for the USDI National Park Service by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and E.M. Whittle. 2019 *in preparation*. 2019 Permit Report for Permit Number TE-71872A-3; Northern Long-eared Bat. Report prepared for the USDI Fish and Wildlife Service-Wyoming Ecological Services Field Office by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and E.M. Whittle. 2019 *in preparation*. Northern Long-eared Bat maternity roost selection in Wyoming Interim Report. Report prepared for the Wyoming Governor's Office by the Wyoming Natural Diversity Database, University of Wyoming, Laramie, Wyoming.

Abernethy, I.M. and E.M. Whittle. 2019 *in preparation*. Northern Long-eared Bat maternity roost selection in Wyoming Final Report. Report prepared for the USDA National Forest Service-Black Hills National Forest (Sundance Ranger District) by the Wyoming Natural Diversity Database, University of Wyoming, Laramie, Wyoming.

Abernethy, I.M., N.M. Bjornlie, L. Beard and Wyoming Bat Working Group. 2019 *in preparation*. Wyoming White-nose Syndrome strategic plan. Report prepared for the Wyoming Game and Fish Department-Nongame Program by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Abernethy, I.M., N.M. Bjornlie, L. Beard and Wyoming Bat Working Group. 2019 *in preparation*. Wyoming bat conservation plan. Report prepared for the Wyoming Game and Fish Department-Nongame Program by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Bedrosian, B., Z.P. Wallace and I.M. Abernethy. 2019 *in preparation*. Coordinated state-wide flammulated owl survey. Report prepared for the Wyoming Game and Fish Department-Nongame Program by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Ceradini, J., D.A. Keinath, I.M. Abernethy, M.D. Andersen and Z.P. Wallace. 2019 *in preparation*. Occupancy estimation for white-tailed prairie dogs in Wyoming. Manuscript prepared for publication.

Chalfoun, A., K.A. Woods and L.M. Tronstad. 2019 *in preparation*. Habitat selection and quality for Wood Frogs (*Lithobates sylvaticus*) in the Bighorn Mountains. Report prepared for the Wyoming Game and Fish Department by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Squires, J.R., L.E. Olson and Z.P. Wallace. 2019 *in preparation*. Movements and space-use of ferruginous hawks in Wyoming oil and gas fields: implications for design of energy developments to minimize impacts on nesting raptors. Report prepared for the University of Wyoming Biodiversity Institute by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.

Squires, J.R., L.E. Olson, Z.P. Wallace, R. Oakleaf and P.L. Kennedy. 2019 *in preparation*. Niche partitioning of apex raptors in sage steppe: selection response to environmental heterogeneity including energy development. Manuscript prepared for publication.

Wallace, Z.P. 2019 *in preparation*. Wyoming Golden eagle monitoring plan expansion. Report prepared for the National Fish and Wildlife Foundation-Wyoming Golden Eagle Fund by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Wallace, Z.P., I.M. Abernethy, and K.A. Cook. 2019 *in preparation*. Amphibian monitoring for Wyoming Bureau of Land Management, 2020 Project Report. Report prepared for the USDI Bureau of Land Management-Wyoming State Office by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Wallace, Z.P., I.M. Abernethy, and K.A. Cook. 2019 *in preparation*. Amphibian monitoring for the Bureau of Land Management Rawlins Field Office, 2020 Project Report. Report prepared for the USDI Bureau of Land Management-Wyoming State Office by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Wallace, Z.P., D.W. Jones, and I.M. Abernethy. 2019 *in preparation*. Songbird monitoring in the Thunder Basin National Grasslands, Medicine Bow, and Bighorn National Forests, Wyoming. Report prepared for the USDA Forest Service-Rocky Mountain Region (Region 2) by the Wyoming Natural Diversity Database – University of Wyoming, Laramie, Wyoming.

Wallace, Z.P., J.R. Squires, L.E. Olson, I. Abernethy and Z. Walker. 2019 *in preparation*. Long-term, state-wide monitoring plan for the ferruginous hawk and golden eagle in Wyoming. Report prepared for the Wyoming Governor's Office by the Wyoming Natural Diversity Database - University of Wyoming, Laramie, Wyoming.